

This is UNEVALUATED Information

INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

25X1

This material contains information affecting the National Defense of the United States within the meaning of the Espionage Laws, Title 18, U.S.C. Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

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S-E-C-R-E-T

COUNTRY	USSR (Arctic)	REPORT	
SUBJECT	1. Soviet Naval Vessels Sighted in the Arctic 2. Port of Arkhangelsk	DATE DISTR.	3 June 1955
DATE OF INFO.		NO. OF PAGES	11
PLACE ACQUIRED		REQUIREMENT	
DATE ACQUIRED		REFERENCES	

25X1

SOURCE EVALUATIONS ARE DEFINITIVE APPRAISAL OF CONTENT IS TENTATIVE.

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Enclosures: Attachment 1: Chart of Arkhangelsk area
Attachment 2: Chart of Arkhangelsk area
Attachment 3: Chart of Arkhangelsk area

25X1

25X1

S-E-C-R-E-T

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STATE	X	ARMY	X	NAVY	X	AIR	X	FBI		AEC					
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(Note: Washington distribution indicated by "X"; Field distribution by "#")

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COUNTRY	USSR (Arctic)	REPORT	
SUBJECT	1. Soviet Naval Vessels Sighted in the Arctic. 2. Port of Arkhangelsk.	DATE DISTR.	13 May 1955
DATE OF INFO.		NO. OF PAGES	11
PLACE ACQUIRED		REQUIREMENT	
		REFERENCES	

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SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

1. [redacted] ship proceeded along the coast of the Kolskiy Peninsula and approached Arkhangelsk, Soviet fishing vessels were sighted regularly at intervals of about 20 nautical miles. Although ostensibly engaged in fishing operations, it was evident that they were watching the coast and all coastal traffic. Several of them came up to [redacted] ship and surveyed it with binoculars. 25X1
2. [redacted] ship reached Syevero and, after the pilot came aboard, proceeded without the aid of tugs to the control station, where it dropped anchor [redacted]. The control commission included two police officers, three customs officers in uniform, a woman of the health service, and another woman who inspected the radio transmitter. The control procedure, which was not severe, was completed in two hours. [redacted] ship was allowed to proceed in the channel to Arkhangelsk. Maximum permissible draft in the channel was 24 feet. [redacted] 25X1
25X1
25X1
3. Loading operations began as soon as the ship berthed and continued without interruption in two daily shifts [redacted]. Lumber was loaded directly from motor vehicles to the ship's hold by means of slings and small American-type fork hoists of Soviet manufacture. All the stevedores were men, who looked well-dressed. They asked for drinking water but refused offers of food. 25X1
25X1
4. [redacted] ship left the berth with the help of a tugboat and proceeded down the channel with the pilot aboard. [redacted] 25X1
25X1
25X1
5. Along the east coast of the channel across from the control station (1 on chart 1), there were about 20 towed targets twenty-five meters long, which were apparently under construction. From Port Ekonomiya [redacted] there was a continuous succession of sawmills and lumber processing plants. 25X1

S-E-C-R-E-T

25X1

STATE	X	ARMY	X	NAVY	X	AIR	X	FBI		AEC				
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INFORMATION REPORT INFORMATION REPORT

-2-

Most of the workers in these plants appeared to be women. Even the handling of logs on the quays was performed by women 20 to 25 years old. There were large quantities of logs and other lumber, including piles of barrels, everywhere. According to the pilot, all the quays of Arkhangelsk were of wood. He said they extended about 32 kilometers. The houses along the entire channel and in the section of Arkhangelsk seen by informant A were of wood, the majority of one story, but some of two stories with wooden frames covered with plaster. Wood was also used as fuel by the local tugboats, steamers, ferries, and other small craft.

6. The streets in the center of Arkhangelsk were paved with cobblestones and asphalt and had sidewalks. Those connecting the city with the suburbs were paved with lumber. In the middle of the city, there was a large masonry building which was to house a cinema. Recent Italian films were being shown in the city. The Italian film "Two Pennies of Hope" had been well received. A considerable number of navy personnel, including enlisted men, petty officers, and officers, were seen in the city.
 7. In the channel between Solombala and Arkhangelsk, a bridge (9 on chart 2) resting on masonry piers was under construction.
 8. [redacted] two or three jet planes of the MIG type and several dark-green transport planes were observed [redacted] A nearly every morning over Arkhangelsk. They flew from northeast to southwest. 25X1
25X1
 9. [redacted] Soviet naval vessels engaged in maneuvers in the area between Rybachiy Peninsula and the mouth of the Teriberka River. The vessels included a cruiser, [redacted] and two smaller vessels, probably light cruisers [redacted] firing salvos at a distance of 2.5 to three miles against a target towed by a tugboat. After firing from the forward turret, the cruiser passed the target, made a 180 degree turn, and fired at the target from the after turret. The speed of the cruiser was estimated to be 22 to 25 knots. The two vessels [redacted] followed the maneuvers [redacted] but did not fire on the target. (See sketch 1.) 25X1
25X1
25X1
 10. Somewhat later in the same area, [redacted] four submarines and a support vessel of medium tonnage, which, with the exception of one submarine, joined the three vessels [redacted] to form a circle with a five mile radius around [redacted] ship. (See sketch 2.) Three of the submarines were medium-sized with a forward gun and towers as in the following sketch: 25X1
25X1
25X1
-
- The fourth submarine was of the ATLANTIC type(sic).
11. [redacted] the pilot, who wore a blue uniform in rather poor condition, came aboard at Syevero from a fast modern pilot boat. He stated that there were 19 pilots in Arkhangelsk. The fairway from Syevero to the control station was indicated by a double line of buoys and brooms in alternating order, red on the left side and green on the right. Some of them were missing, probably carried away by ice during the winter. The buoys were about one mile apart. (See sketch 3.) Maximum permissible draft in the channel was 24 feet, since that was the limiting factor of the bar. (See chart 3.) The channel itself would have permitted a draft up to 30 feet. 25X1
 12. [redacted] ship arrived at the control station (1 on chart 1, photograph 1). Half-an-hour later, the control commission, composed of a captain, a lieutenant, four enlisted men, a civilian doctor, a chief customs officer, one female and three male customs inspectors, and a woman who inspected the radio transmitter, came aboard. The two officers and the enlisted men wore the green uniform of the maritime police with gold shoulder boards. The shoulder boards of the captain and the lieutenant were distinguished by a green stripe and three and two stars, respectively. The chief customs officer wore a greenish civilian suit with a gold laurel branch on the lapel of the coat, and the doctor and the female radio 25X1

S-E-C-R-E-T

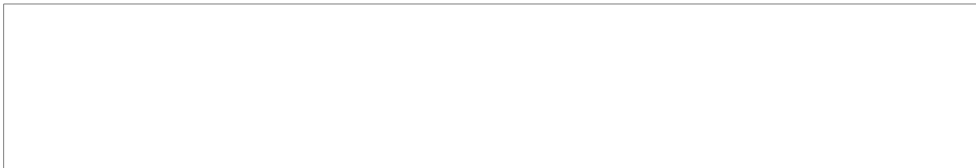
25X1

-3-

technician were also in civilian clothes. The four customs inspectors wore dark blue uniforms with a small eagle on the shoulder.

13. The control visit was brief and perfunctory. Contrary to earlier practice, its purpose appeared to be to check possession of arms, cameras, and binoculars, rather than to look for newspapers and periodicals. An argument developed between the pilot and the leader of the commission, because the former insisted that one pair of binoculars should not be placed under seal. This was evidently provided for by a new regulation as a navigational necessity.

14.



25X1

15. On the way to the berth, [redacted] on the left side of the channel a shipyard (2 on chart 1) for the construction of barges and small tugboats, some of which were on the building ways. (See photograph 2.) A large number of tugboats were also in the channel, towing lighters with railroad freight cars aboard.

25X1

16. The entire left bank of the channel was covered with sawmills and lumberyards. On the right bank near the point where [redacted] ship turned to approach its berth, there was a modern industrial complex (3 on chart 2, photographs 3 and 4). Just south of this complex, there was a large modern sawmill easily identified by a tall chimney (photograph 5). Another modern sawmill, in which prefabricated parts for houses were being built, was located about 800 meters inland from the berth of [redacted] ship. In the area near the berth, there were many small one-story buildings and a few two-story buildings (photograph 6). Along the banks, there was little except large lumber piles (photographs 7 and 8).

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17. On the quay [redacted] there was a large sign with the words "Fire-Fighting Equipment" on it. Hanging on the sign were some shovels, pails, and axes.

25X1

18. The city of Arkhangelsk was serviced in the Solombala district by a single-track streetcar line, terminating near the pontoon bridge, and in the city proper by a bus line with a terminus near the pontoon bridge. The streetcars were old and poorly kept and had wooden seats. The busses were modern and well kept. There were conductors on both busses and streetcars, and smoking was prohibited on both.

19. Army and navy personnel were observed in the city, although their number did not create the impression that there was a large concentration of troops in the area. The soldiers wore grey-green or light brown uniforms with shoulder boards bearing the Cyrillic letters C-Φ. The officers had olive green uniforms with white shoulder boards with a lengthwise gold stripe or green shoulder boards with a red stripe. The sailors wore blue uniforms with the mark C-Φ on the shoulder and the inscription "Inflot" on the ribbon of the cap. Naval officers wore a blue uniform with shoulder board stars indicating rank.

20. Near the Export Club in Arkhangelsk, there were some new masonry buildings and several barracks (5 on chart 2), from some of which [redacted] groups of servicemen in formation coming out with books under their arms. (See sketch 4.) The barracks were large buildings, approximately 50 by 100 meters, constructed of masonry and surrounded by a low wall. [redacted] they were possibly constructed by military personnel, as soldiers engaged in construction work. The barracks were guarded by unarmed soldiers. None of the soldiers seen walking on the street was armed.

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S-E-C-R-E-T

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-4-

21. On the landward side of the street on which the barracks were located, there were; a military installation (A on sketch 4), a building under construction (B on sketch 4), and hospital (C on sketch 4). On the side toward the canal, there were two barracks (D and E on sketch 4), a large building (F on sketch 4) in which the Export Club and a mess hall were housed, and two buildings under construction (G and H on sketch 4). Also on the street on which the barracks were located, there was a building with a tower (I on sketch 4). Near this building was a crossroad which, on the seaward side, marked the edge of the naval base. The naval base was composed of several buildings, among which was a rectangular structure situated on an open square.
22. Near the ferry slip (7 on chart 2) and toward the mouth of the river, there were four cranes (8 on chart 2) with a capacity of five to seven tons. Three cranes were old. The fourth was mobile and had its own track.
23. A masonry bridge (9 on chart 2), with three arches and four piers approximately 20 meters high, was being constructed between Arkhangelsk and Solombala.
24. Most of the industrial installations of Arkhangelsk, which comprised chiefly a number of modern sawmills, were located in the Solombala district. Along the Solombala quay, there were two floating drydocks (11 on chart 2) for ships from 1,500 to 2,000 tons. Nearby, two submarine chasers of the ARTILLERIST Class (12 on chart 2) were being fitted out. There were also three highly-sheered hulls (13 on chart 2), probably for motor torpedo boats. They were 45 meters long with a free board of about two meters and five portholes near the center of the freeboard.
25. In front of every sawmill in the Solombala area, there were ships loading lumber. [redacted] There were no Soviet merchant vessels. [redacted]
26. Across the river from Arkhangelsk in the Glukhovskoy district, there was a quay with seven cranes of five to seven tons capacity (6 on chart 2). Two were modern with a metal frame and gooseneck jib; the other five were old models. Immediately behind the quay, there were five cylindrical fuel tanks, about 25 meters in diameter, painted light gray or aluminum.
27. On the small island of Mosyeyev, there was a coal bunkering station (10 on chart 2). Coal was imported from Poland on tows.
28. [redacted] it was possible to see about two kilometers inland two trellis-type radio antennas with quadrangular bases. The towers were 35 to 40 meters in height. They were not new.
29. [redacted] several old transport or passenger planes were observed in the Arkhangelsk area flying from northwest to southeast at a speed of 250 to 300 kilometers per hour. [redacted] two formations of seven small jet planes with triangular wing structures were sighted flying at about 300 kilometers per hour.
30. [redacted] ship started loading operations [redacted] It was assisted from the quay by a powerful new tugboat, developing about 600 HP, which accompanied it as far as the canal. After the control visit, the ship had to wait for high tide [redacted]
31. [redacted] two groups of naval vessels, probably minesweepers or submarine chasers, were sighted. The first group (15 on chart 3), which [redacted] was following a zigzag course. The second group (16 on chart 3), [redacted]

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-5-

approaching the channel. The vessels appeared to be 40 to 50 meters in length. They had a slightly raked smokestack, aft of which was a super-structure on which were mounted two covered machine guns. At the end of the rear deck, there were several objects 1.5 meters high and painted red, which resembled aerial bombs with fins. All the vessels had at their sterns the standard type divergents (sic). (See sketch 5.)

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32. [redacted] a group of four Soviet naval vessels was sighted between the mouth of the Teriberka River and Rybachiy Peninsula. The group included a cruiser [redacted] escorted by two vessels [redacted] and a vessel [redacted] which was about five miles from the cruiser and was towing a target of the type common in naval firing exercises. The cruiser fired five consecutive salvos at the target from the forward turret, then approached from the left at high speed, passing the target and continuing landward for ten minutes. It then made a 180 degree turn, resuming its original course and firing on the target again. The cruiser moved at about 28 knots and showed remarkable maneuverability. The two escort vessels followed the cruiser without firing on the target. (See sketch 6.)

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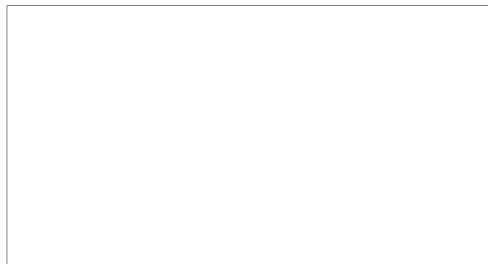
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- Attachment 1: Chart of Arkhangelsk area
Attachment 2: Chart of Arkhangelsk area
Attachment 3: Chart of Arkhangelsk area
Attachment 4: Ten photographs of port of Arkhangelsk [redacted]

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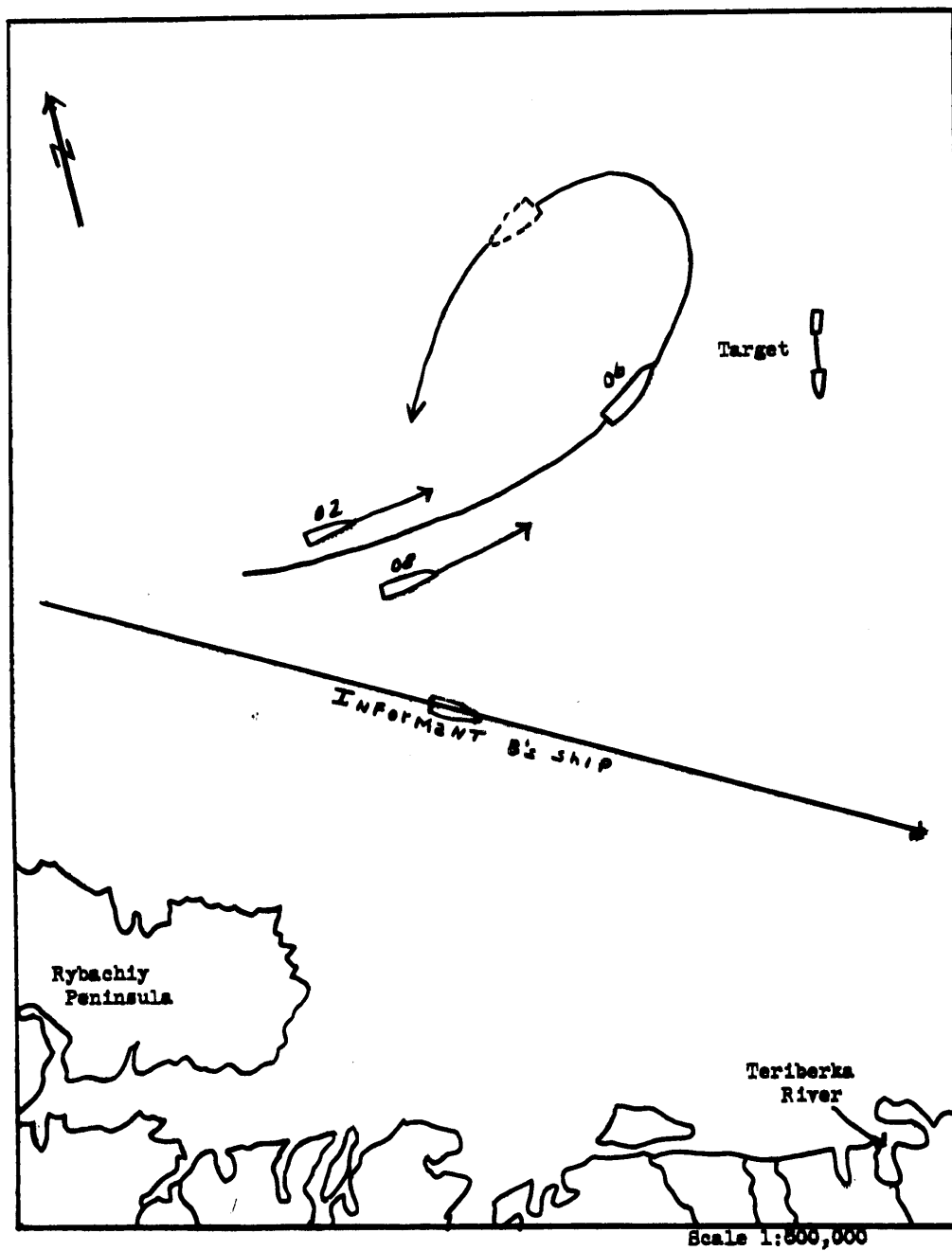
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Sketch 1

Maneuvers of Soviet Vessels

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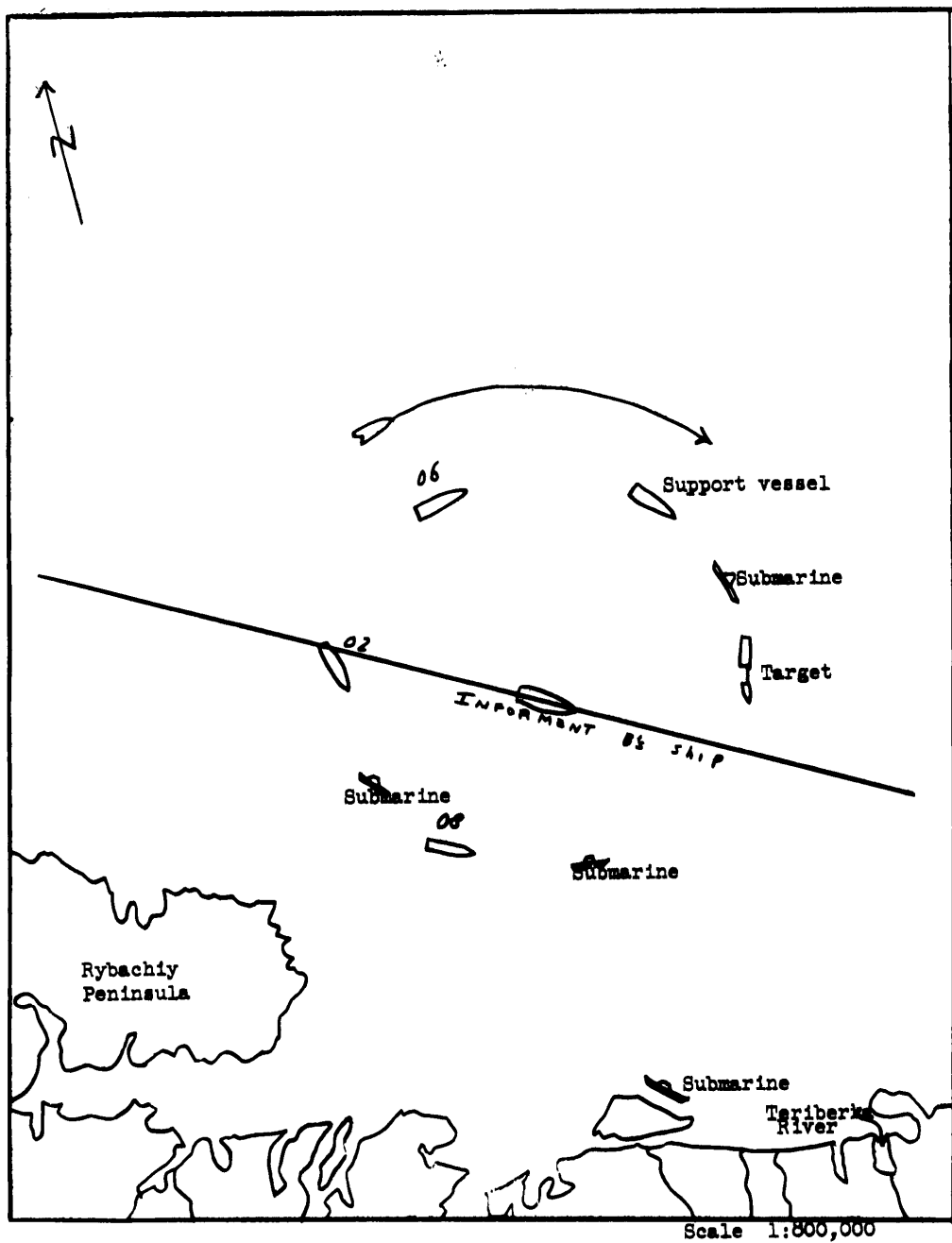
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Sketch 2Maneuvers of Soviet Vessels

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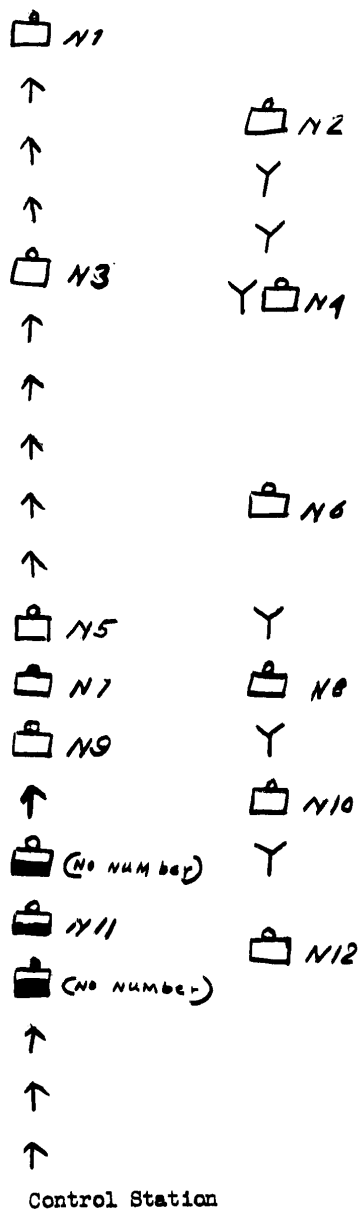
Sketch 3

Arrangement of Buoys and Brooms on the Fairway between Syevero Dvinskiy and the Control Station. Arkhangelsk

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Syevero Dvinskiy



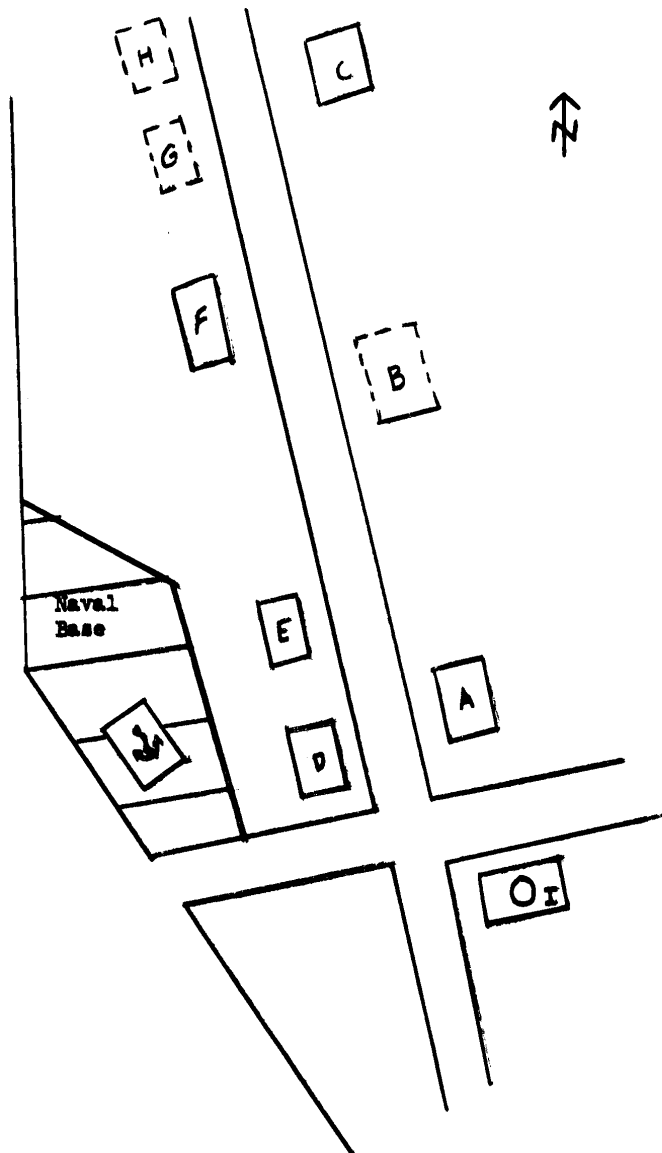
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Sketch 4

Naval Base and Barracks in Arkhangelsk.



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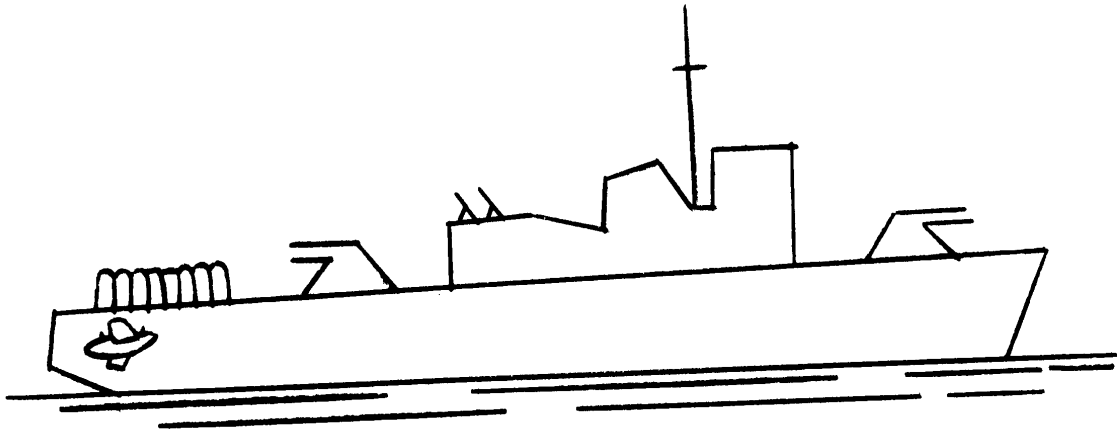
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Sketch 5

Soviet Naval Vessel near Arkhangelsk.

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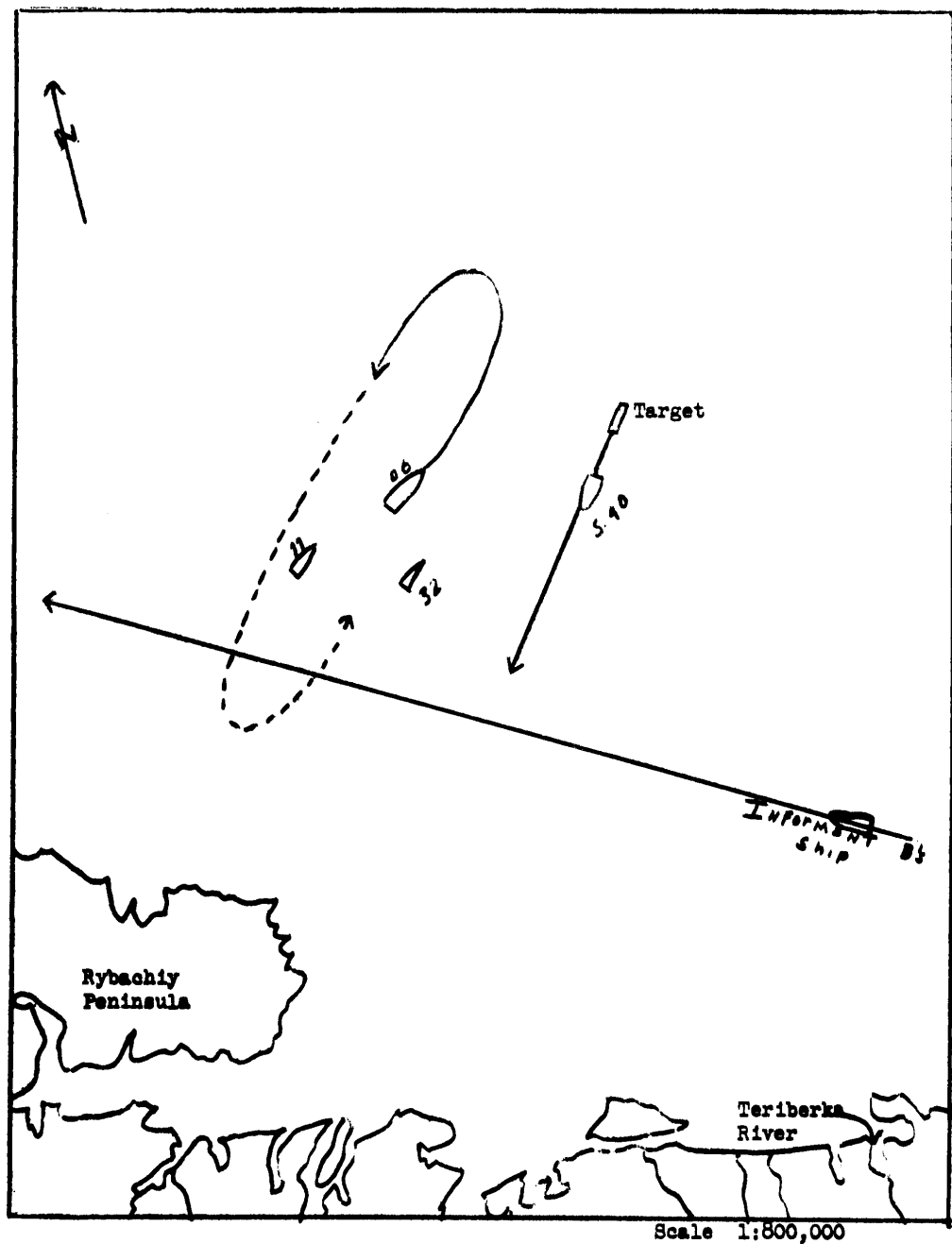
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Sketch 6

Maneuvers of Soviet Vessels

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SUBJECT	1. Soviet Naval Vessels Sighted in the Arctic 2. Port of Arkhangelsk	DATE DISTR.	13 May 1955
		NO. OF PAGES	11
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1. [] ship proceeded along the coast of the Kolskiy Peninsula and approached Arkhangelsk, Soviet fishing vessels were sighted regularly at intervals of about 20 nautical miles. Although ostensibly engaged in fishing operations, it was evident that they were watching the coast and all coastal traffic. Several of them came up to [] ship and surveyed it with binoculars. 25X1
2. [] ship reached Syevero and, after the pilot came aboard, proceeded without the aid of tugs to the control station, where it dropped anchor []. The control commission included two police officers, three customs officers in uniform, a woman of the health service, and another woman who inspected the radio transmitter. The control procedure, which was not severe, was completed in two hours. [] ship was allowed to proceed in the channel to Arkhangelsk. Maximum permissible draft in the channel was 24 feet. [] 25X1
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4. [] ship left the berth with the help of a tugboat and proceeded down the channel with the pilot aboard. [] 25X1
5. Along the east coast of the channel across from the control station (1 on chart 1), there were about 20 towed targets twenty-five meters long, which were apparently under construction. From Port Ekonomiya there was a continuous succession of sawmills and lumber processing plants. 25X1

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STATE	X	ARMY	X	NAVY	X	AIR	X	FBI		AEC				
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Most of the workers in these plants appeared to be women. Even the handling of logs on the quays was performed by women 20 to 25 years old. There were large quantities of logs and other lumber, including piles of barrels, everywhere. According to the pilot, all the quays of Arkhangelsk were of wood. He said they extended about 32 kilometers. The houses along the entire channel and in the section of Arkhangelsk seen by informant A were of wood, the majority of one story, but some of two stories with wooden frames covered with plaster. Wood was also used as fuel by the local tugboats, steamers, ferries, and other small craft.

6. The streets in the center of Arkhangelsk were paved with cobblestones and asphalt and had sidewalks. Those connecting the city with the suburbs were paved with lumber. In the middle of the city, there was a large masonry building which was to house a cinema. Recent Italian films were being shown in the city. The Italian film "Two Pennies of Hope" had been well received. A considerable number of navy personnel, including enlisted men, petty officers, and officers, were seen in the city.
7. In the channel between Solombala and Arkhangelsk, a bridge (9 on chart 2) resting on masonry piers was under construction. 25X1
8. [redacted] two or three jet planes of the MIG type and several dark-green transport planes were observed [redacted] nearly every morning over Arkhangelsk. They flew from northeast to southwest. 25X1
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25X1
10. Somewhat later in the same area, [redacted] four submarines and a support vessel of medium tonnage, which, with the exception of one submarine, joined the three vessels [redacted] to form a circle with a five mile radius around [redacted] ship. (See sketch 2.) Three of the submarines were medium-sized with a forward gun and towers as in the following sketch: 25X1
25X1
25X1



The fourth submarine was of the ATLANTIC type (sic).

11. [redacted] the pilot, who wore a blue uniform in rather poor condition, came aboard at Syevero from a fast modern pilot boat. He stated that there were 19 pilots in Arkhangelsk. The fairway from Syevero to the control station was indicated by a double line of buoys and brooms in alternating order, red on the left side and green on the right. Some of them were missing, probably carried away by ice during the winter. The buoys were about one mile apart. (See sketch 3.) Maximum permissible draft in the channel was 24 feet, since that was the limiting factor of the bar. (See chart 3.) The channel itself would have permitted a draft up to 30 feet. 25X1
12. [redacted] ship arrived at the control station (1 on chart 1, photograph 1). Half-an-hour later, the control commission, composed of a captain, a lieutenant, four enlisted men, a civilian doctor, a chief customs officer, one female and three male customs inspectors, and a woman who inspected the radio transmitter, came aboard. The two officers and the enlisted men wore the green uniform of the maritime police with gold shoulder boards. The shoulder boards of the captain and the lieutenant were distinguished by a green stripe and three and two stars, respectively. The chief customs officer wore a greenish civilian suit with a gold laurel branch on the lapel of the coat, and the doctor and the female radio 25X1

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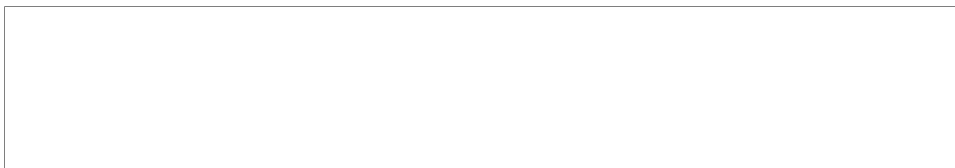
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-3-

technician were also in civilian clothes. The four customs inspectors wore dark blue uniforms with a small eagle on the shoulder.

13. The control visit was brief and perfunctory. Contrary to earlier practice, its purpose appeared to be to check possession of arms, cameras, and binoculars, rather than to look for newspapers and periodicals. An argument developed between the pilot and the leader of the commission, because the former insisted that one pair of binoculars should not be placed under seal. This was evidently provided for by a new regulation as a navigational necessity.

14.



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15. On the way to the berth, [redacted] the left side of the channel a shipyard (2 on chart 1) for the construction of barges and small tugboats, some of which were on the building ways. (See photograph 2,) A large number of tugboats were also in the channel, towing lighters with railroad freight cars aboard.

25X1

16. The entire left bank of the channel was covered with sawmills and lumberyards. On the right bank near the point where [redacted] ship turned to approach its berth, there was a modern industrial complex (3 on chart 2, photographs 3 and 4). Just south of this complex, there was a large modern sawmill easily identified by a tall chimney (photograph 5). Another modern sawmill, in which prefabricated parts for houses were being built, was located about 800 meters inland from the berth of [redacted].

25X1

[redacted] In the area near the berth, there were many small one-story buildings and a few two-story buildings (photograph 6). Along the banks, there was little except large lumber piles (photographs 7 and 8).

25X1

17. On the quay [redacted] there was a large sign with the words "Fire-Fighting Equipment" on it. Hanging on the sign were some shovels, pails, and axes.

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18. The city of Arkhangelsk was serviced in the Solombala district by a single-track streetcar line, terminating near the pontoon bridge, and in the city proper by a bus line with a terminus near the pontoon bridge. The streetcars were old and poorly kept and had wooden seats. The busses were modern and well kept. There were conductors on both busses and streetcars, and smoking was prohibited on both.

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20. Near the Export Club in Arkhangelsk, there were some new masonry buildings and several barracks (5 on chart 2), from some of which [redacted] groups of servicemen in formation coming out with books under their arms. (See sketch 4.) The barracks were large buildings, approximately 50 by 100 meters, constructed of masonry and surrounded by a low wall. [redacted]

25X1

[redacted] they were possibly constructed by military personnel, as [redacted] soldiers engaged in construction work. The barracks were guarded by unarmed soldiers. None of the soldiers seen walking on the street was armed.

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S-E-C-R-E-T

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-4-

21. On the landward side of the street on which the barracks were located, there were; a military installation (A on sketch 4), a building under construction (B on sketch 4), and hospital (C on sketch 4). On the side toward the canal, there were two barracks (D and E on sketch 4), a large building (F on sketch 4) in which the Export Club and a mess hall were housed, and two buildings under construction (G and H on sketch 4). Also on the street on which the barracks were located, there was a building with a tower (I on sketch 4). Near this building was a crossroad which, on the seaward side, marked the edge of the naval base. The naval base was composed of several buildings, among which was a rectangular structure situated on an open square.
22. Near the ferry slip (7 on chart 2) and toward the mouth of the river, there were four cranes (8 on chart 2) with a capacity of five to seven tons. Three cranes were old. The fourth was mobile and had its own track.
23. A masonry bridge (9 on chart 2), with three arches and four piers approximately 20 meters high, was being constructed between Arkhangelsk and Solombala.
24. Most of the industrial installations of Arkhangelsk, which comprised chiefly a number of modern sawmills, were located in the Solombala district. Along the Solombala quay, there were two floating drydocks (11 on chart 2) for ships from 1,500 to 2,000 tons. Nearby, two submarine chasers of the ARTILLERIST Class (12 on chart 2) were being fitted out. There were also three highly-sheered hulls (13 on chart 2), probably for motor torpedo boats. They were 45 meters long with a free board of about two meters and five portholes near the center of the freeboard.
25. In front of every sawmill in the Solombala area, there were ships loading lumber. [redacted] 25X1
[redacted] There were no [redacted] 25X1
Soviet merchant vessels. [redacted] 25X1
[redacted] 25X1
26. Across the river from Arkhangelsk in the Glukhovskoy district, there was a quay with seven cranes of five to seven tons capacity (6 on chart 2). Two were modern with a metal frame and gooseneck jib; the other five were old models. Immediately behind the quay, there were five cylindrical fuel tanks, about 25 meters in diameter, painted light gray or aluminum.
27. On the small island of Mosyeyev, there was a coal bunkering station (10 on chart 2). Coal was imported from Poland on tows.
28. [redacted] it was possible to see about two 25X1
kilometers inland two trellis-type radio antennas with quadrangular bases. The towers were 35 to 40 meters in height. They were not new.
29. [redacted] several old transport or passenger planes were observed 25X1
in the Arkhangelsk area flying from northwest to southeast at a speed of 250 to 300 kilometers per hour. [redacted] 25X1
two formations of seven small jet planes with triangular wing structures were sighted flying at about 300 kilometers per hour. 25X1
30. [redacted] ship started loading operations [redacted] 25X1
[redacted] It was assisted from the quay by a powerful new 25X1
tugboat, developing about 600 HP, which accompanied it as far as the canal. After the control visit, the ship had to wait for high tide [redacted] 25X1
[redacted] 25X1
31. [redacted] two groups of naval vessels, 25X1
probably minesweepers or submarine chasers, were sighted. The first group (15 on chart 3), which [redacted] 25X1
[redacted] was following a zigzag course. The second group (16 on chart 3), 25X1
[redacted] was [redacted] 25X1

S-E-C-R-E-T

25X1

25X1

-5-

approaching the channel. The vessels appeared to be 40 to 50 meters in length. They had a slightly raked smokestack, aft of which was a superstructure on which were mounted two covered machine guns. At the end of the rear deck, there were several objects 1.5 meters high and painted red, which resembled aerial bombs with fins. All the vessels had at their sterns the standard type divergents (sic). (See sketch 5.)

32. [redacted] a group of four Soviet naval vessels was 25X1
sighted between the mouth of the Teriberka River and Rybachiy Peninsula.
The group included a cruiser [redacted] escorted by two 25X1
vessels [redacted] and a vessel [redacted] 25X1
which was about five miles from the cruiser and was towing a target of the 25X1
type common in naval firing exercises. The cruiser fired five consecutive
salvos at the target from the forward turret, then approached from the left
at high speed, passing the target and continuing landward for ten minutes.
It then made a 180 degree turn, resuming its original course and firing
on the target again. The cruiser moved at about 28 knots and
showed remarkable maneuverability. The two escort vessels followed the
cruiser without firing on the target. (See sketch 6.)

Attachment 1: Chart of Arkhangelsk area

Attachment 2: Chart of Arkhangelsk area

Attachment 3: Chart of Arkhangelsk area

Attachment 4: Ten photographs of port of Arkhangelsk [redacted] 25X1

25X1

25X1

S-E-C-R-E-T
NOFORN/CONTINUED CONTROL

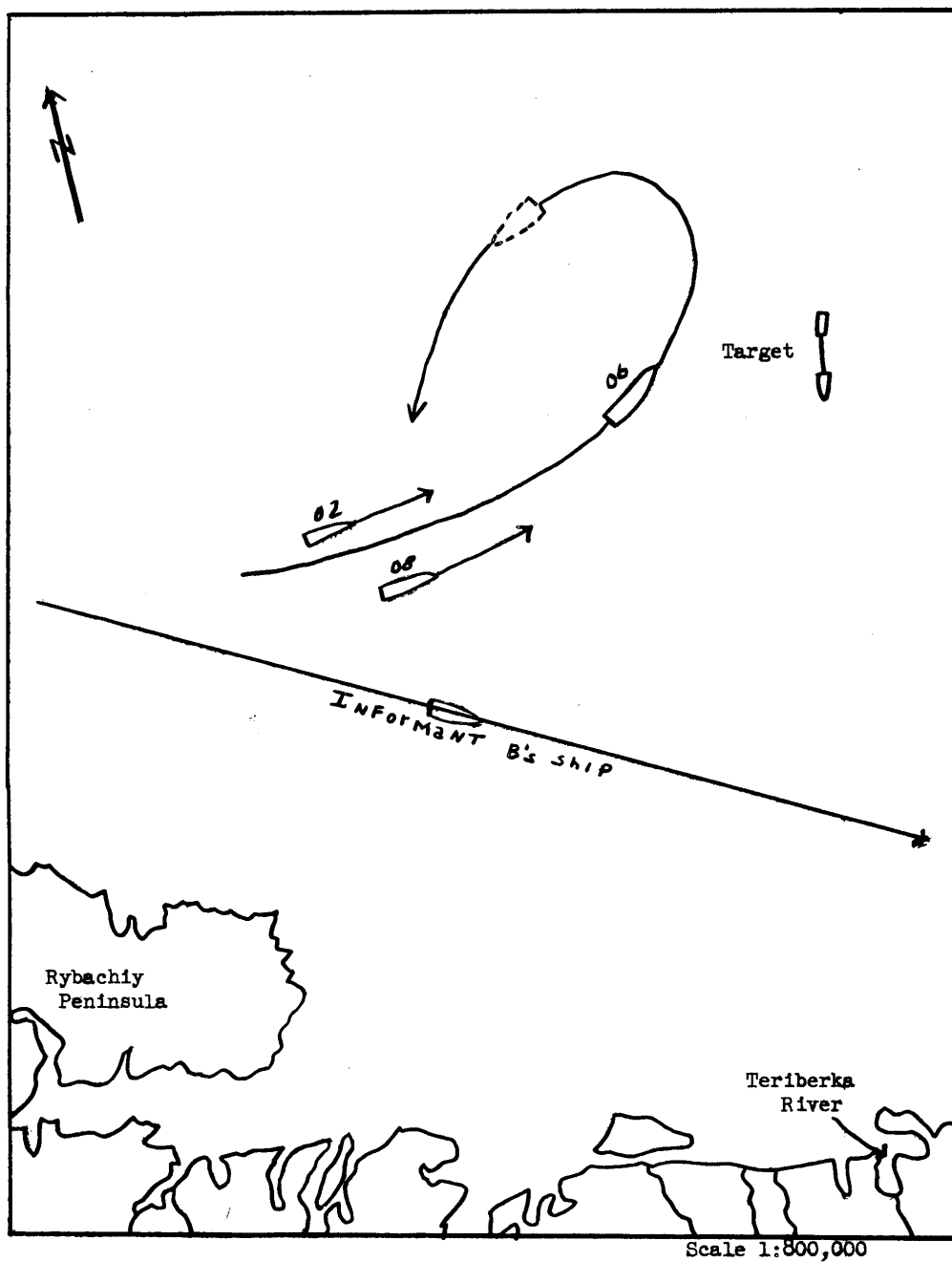
25X1

-6-

Sketch 1

Maneuvers of Soviet Vessels

25X1



S-E-C-R-E-T

25X1

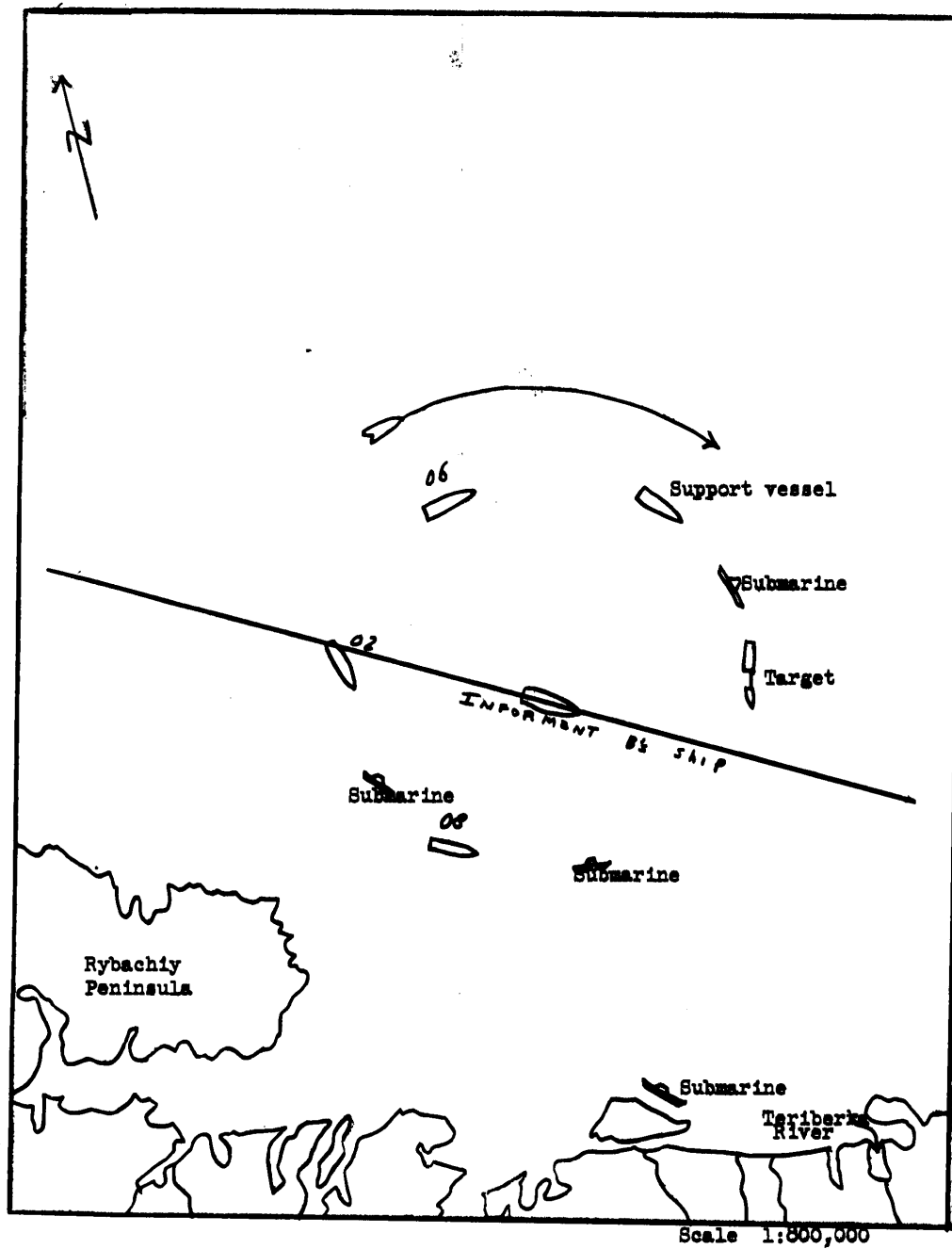
25X1

-7-

Sketch 2

Maneuvers of Soviet Vessels

25X1



S-E-C-R-E-T

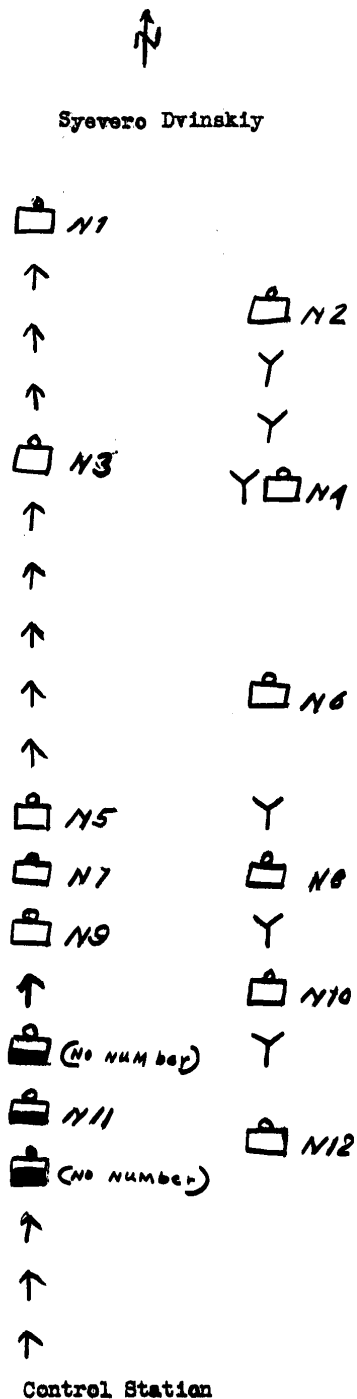
25X1

25X1

-8-

Sketch 3Arrangement of Buoys and Brooms on the Fairway between Syevero Dvinskiy and the Control Station. Arkhangelsk

25X1



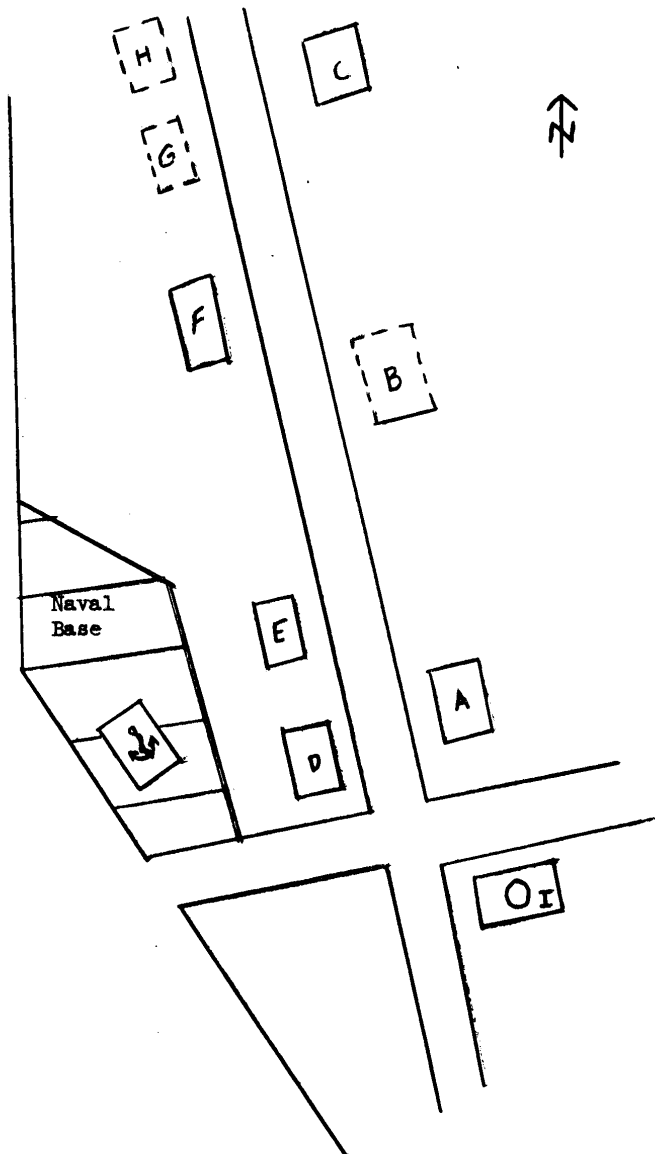
S-E-C-R-E-T

25X1

-9-

Sketch 4

Naval Base and Barracks in Arkhangelsk.



S-E-C-R-E-T

25X1

S-E-C-R-E-T

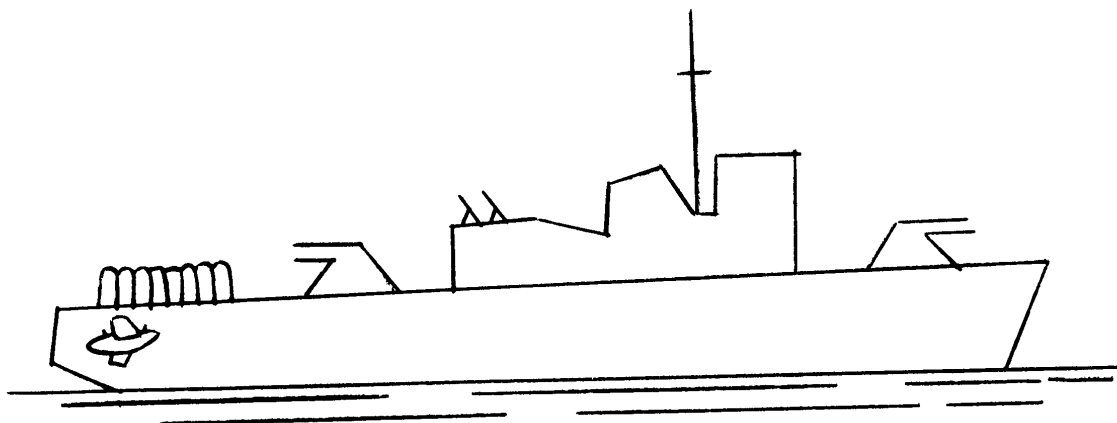
25X1

-10-

Sketch 5

Soviet Naval Vessel near Arkhangelsk.

25X1



S-E-C-R-E-T

25X1

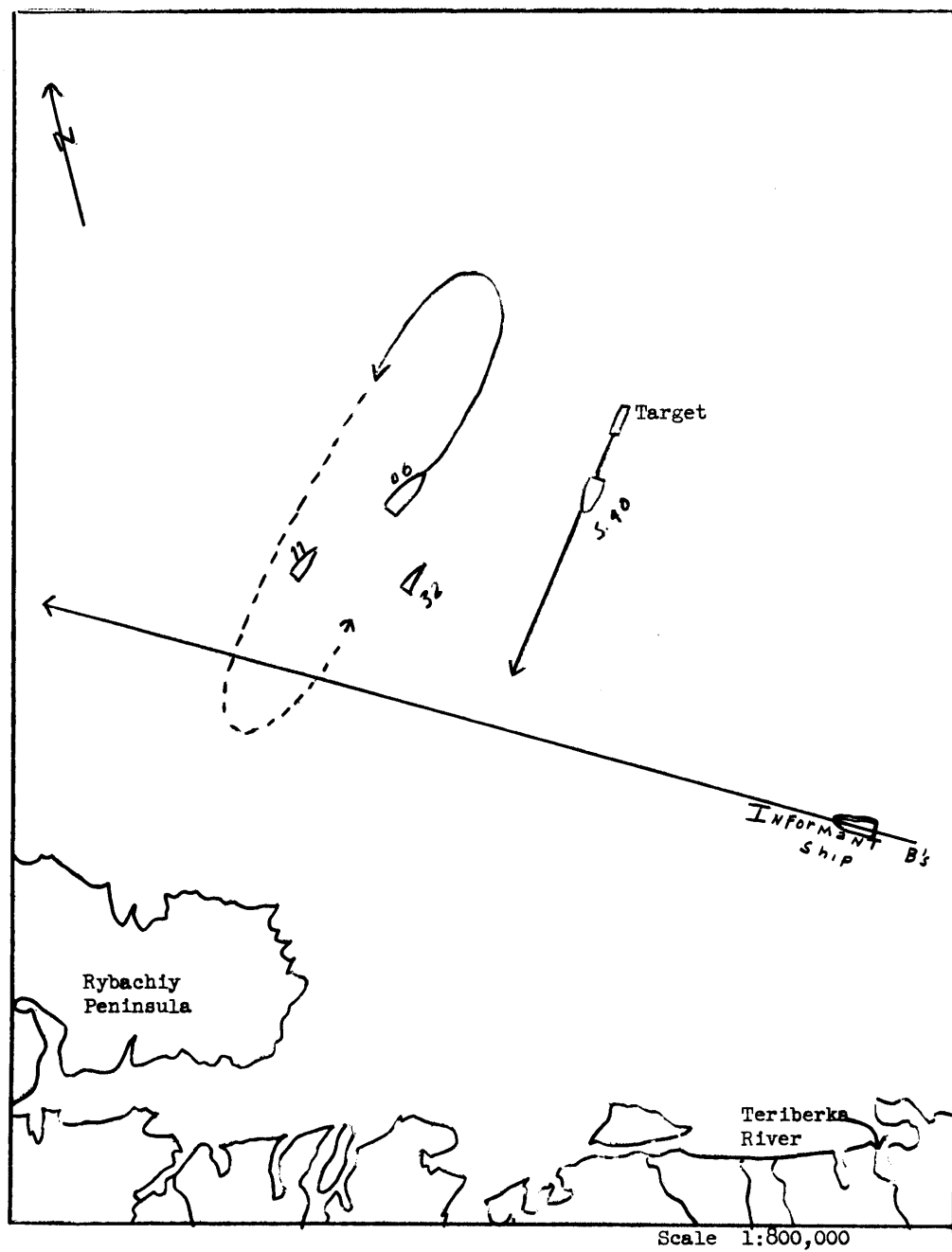
25X1

-11-

Sketch 6

Maneuvers of Soviet Vessels

25X1



S-E-C-R-E-T

25X1

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25X1

25X1

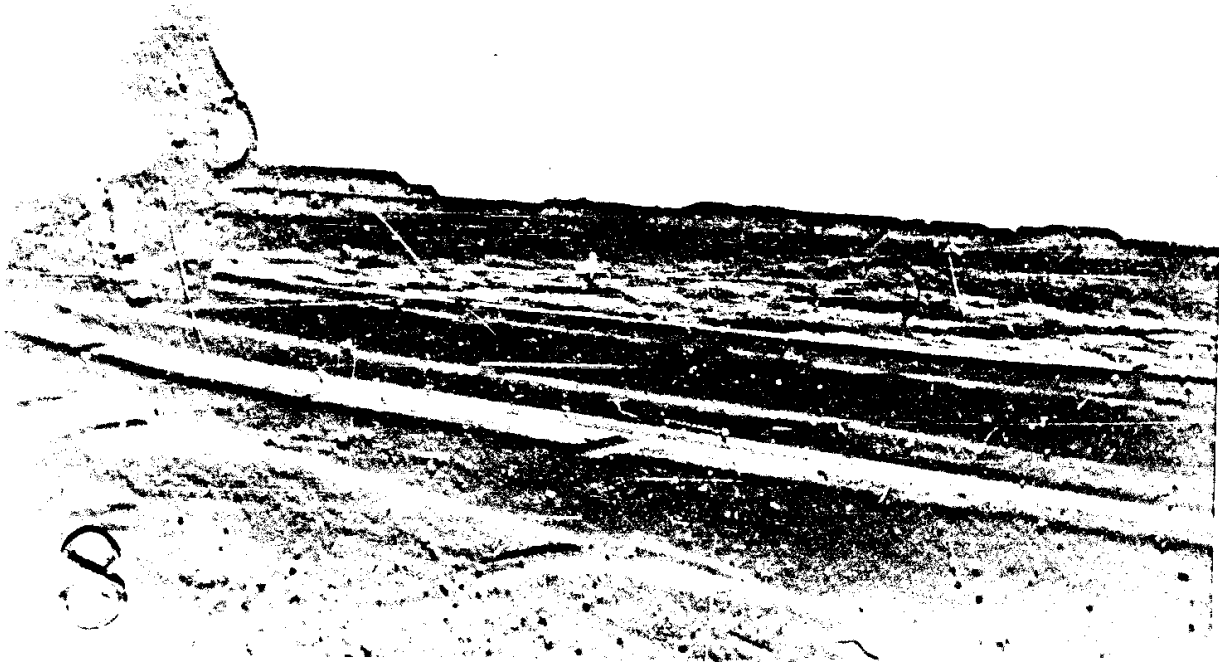
17N USSR N. EUROPEAN RSFSR ARKHANGEL OBLAST SOLOMBALA
64 35 N 40 31 E FINNISH SHIP. LOADING LUMBER AT SAW-
MILL.

25X1



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Approved For Release 2008/03/17 : CIA-RDP80-00810A006500240003-4

17N USSR N. EUROPEAN RSFSR ARKHANGEL OBLAST
BREVINNIK ISLAND 64 39 N 40 32 E BERTHING AREA. DAN-
ISH SHIP ON RIGHT. [REDACTED]

25X1
25X1

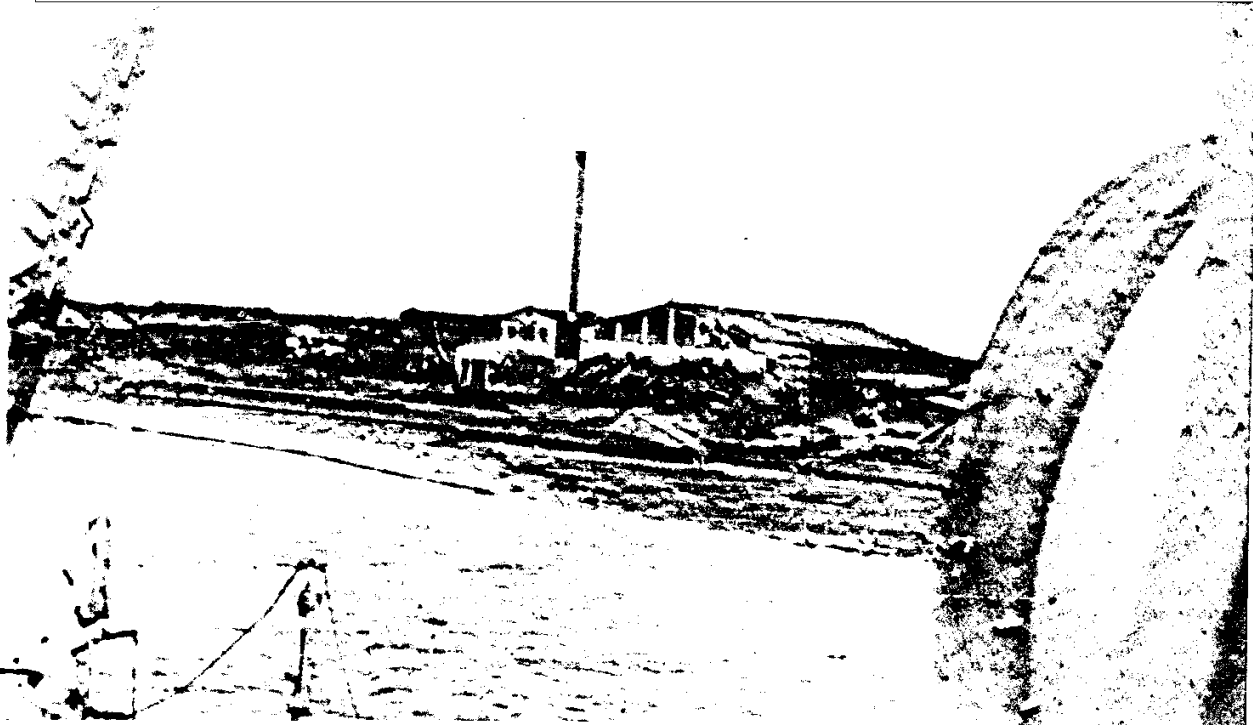


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Approved For Release 2008/03/17 : CIA-RDP80-00810A006500240003-4

17N USSR N. EUROPEAN RSFSR ARKHANGEL OBLAST BREVENNIK ISLAND
64 39 N 40 32 E SAWMILL ON WEST BANK OF CHANNEL ON SOUTH-
ERN TIP OF ISLAND. [REDACTED]

25X1
25X1



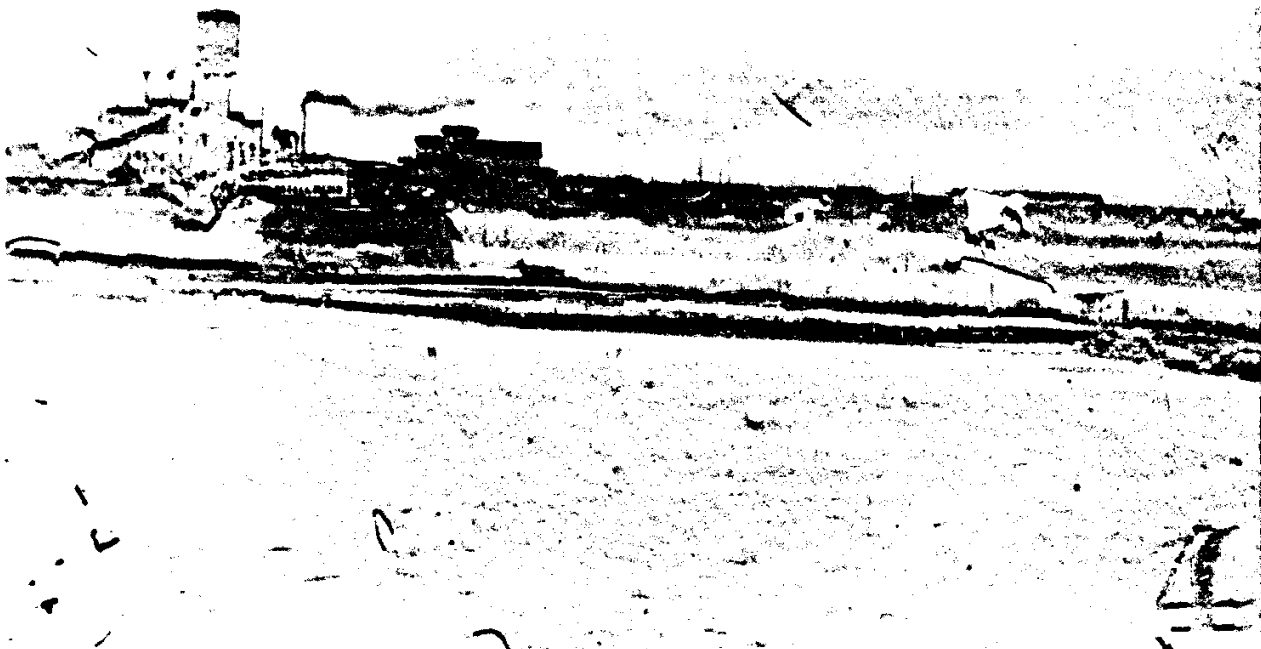
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Approved For Release 2008/03/17 : CIA-RDP80-00810A006500240003-4

17N USSR N. EUROPEAN RSFSR ARKHANGEL OBLAST BREVENNIK ISLAND
64 39 N 40 32 E INDUSTRIAL COMPLEX ON WEST CHANNEL BANK ON
SOUTHERN TIP OF ISLAND.

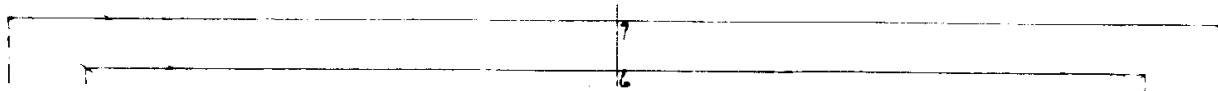
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25X1

17N USSR N. EUROPEAN RSFSR ARKHANGEL OBLAST ARKHANGEL
54 34 N 40 32 E SHIPYARD ON CHANNEL NORTH OF PORT EKONOMIYA.

25X1



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17N USSR N. EUROPEAN RSFSR ARKHANGEL OBLAST ARKHANGEL
54 34 N 40 32 E LYSUNOV ISLAND IN BACKGROUND. SHIPPING
CONTROL STATION.

25X1

25X1



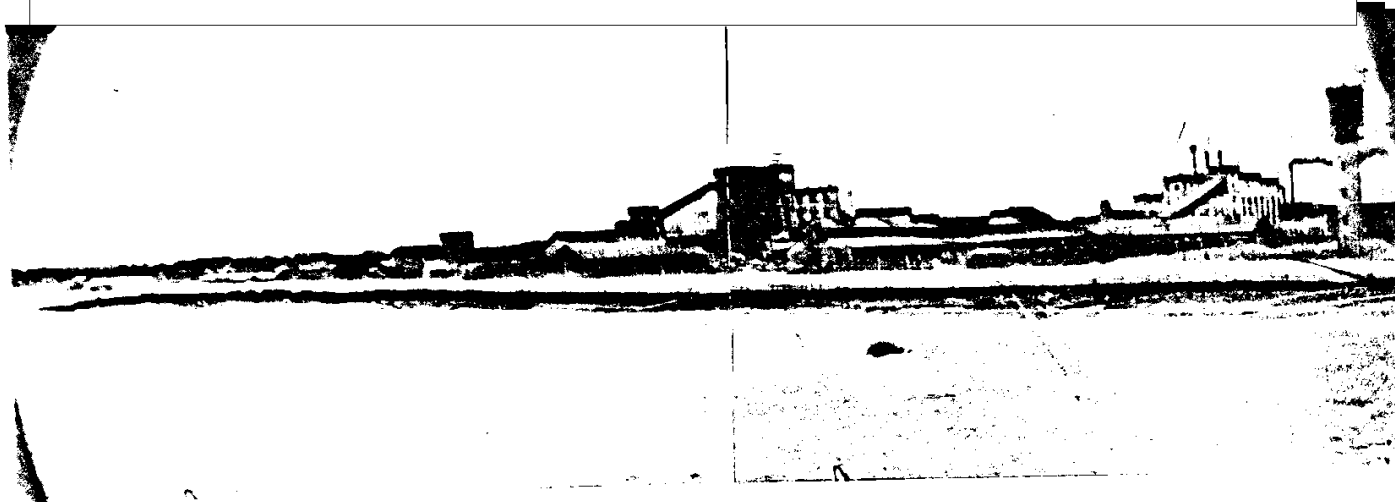
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25X1

17N USSR N. EUROPEAN RSFSR ARKHANGEL OBLAST BREVENNIK ISLAND
64 39 N 40 32 E INDUSTRIAL COMPLEX ON WEST CHANNEL BANK ON SOUTH-
ERN TIP OF ISLAND.

25X1



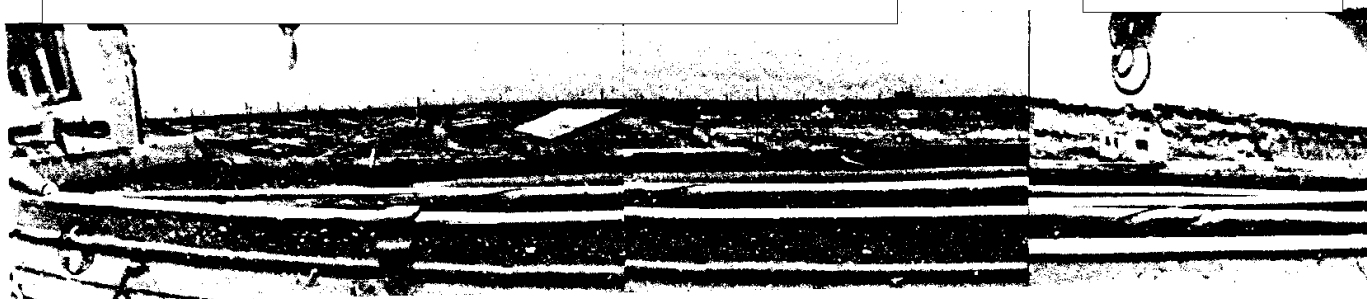
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25X1

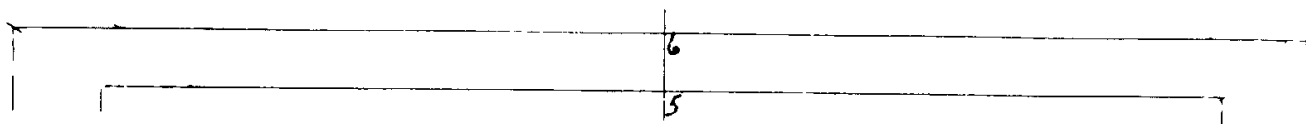
17N USSR N. EUROPEAN RSFSR ARKHANGEL OBLAST BREVINNIK ISLAND
64 39 N 40 32 E NEAR BERTHING AREA ON SOUTHERN TIP.

25X1



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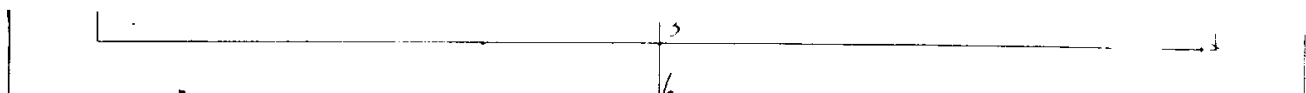
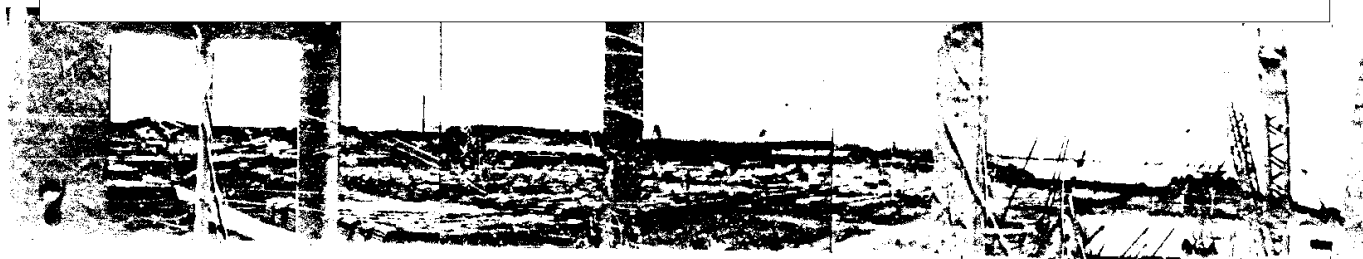
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25X1

17N USSR N. EUROPEAN RSFSR ARKHANGEL OBLAST BREVINNIK ISLAND
64 39 N 40 32 E LUMBER PILES NEAR SHIP BERTHING AREA

25X1



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